IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A page data receiving method <u>implemented on a terminal unit</u> comprising:

~~the first step of~~ transmitting<u>, from the terminal unit,</u> a first request signal <u>to a page data providing apparatus</u> for requesting first page data;

<u>receiving, at the terminal unit, notification page data from the page data providing apparatus prior to receiving the first page data when the page data providing apparatus determines that the notification page data is stored on a predetermined memory location on the page data providing apparatus, the notification page data providing predetermined notification information related to the first page data; and</u>

<u>receiving, at the terminal unit, the first page data from the page data providing apparatus without receiving notification page data when the page data providing apparatus determines that notification page data is not stored in the predetermined memory location on the page data providing apparatus</u>

~~the second step of transmitting a second request signal for requesting second page data;~~

~~the third step of receiving said first page data, after the reception of notification page data indicating predetermined notification information according to said first request signal; and~~

~~the fourth step of receiving said second page data, after the reception of said notification page data according to said second request signal.~~

Claim 2 (Currently Amended): The page data receiving method according to claim 1, <u>further comprising:</u> ~~wherein:~~

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transmitting, from the terminal unit, a second request signal for requesting second

page data to a second page data providing apparatus;

the fifth step, when if said second request signal transmitted in said second step is

rejected by [[a]] the second page data providing apparatus that provides said second page

data, [[of]] requesting [[a]] the first page data providing apparatus that provides said first

page data to transmit authorization information necessary for acceptance that is necessary for

making said second page data providing apparatus accept said second request signal, wherein

said page data providing apparatus makes a determination in accordance with the second

request signal on whether notification page data is stored in the predetermined memory

location; and

the sixth step of receiving said authorization information necessary for acceptance

transmitted from said first page data providing apparatus and address information about said

notification page data, according to said request are included; and

in said fourth step,

wherein said notification page data is received by accessing said first page data

providing apparatus based on said received address information about said notification page

data,

a notification page indicating said notification information is displayed in [[the]] a

display section of the terminal unit, based on said received notification page data, and

said second page data is received from said second page data providing apparatus by

transmitting again said second request signal together with said authorization information

necessary for acceptance, according to an operation to said notification page displayed in said

display section.

Claim 3 (Currently Amended): The page data receiving method according to claim 2, wherein[[;]] when in accessing said ~~first~~ page data providing apparatus based on said address information about the notification page data, address information corresponding to said second page data is transmitted to the ~~above~~ ~~first~~ page data providing apparatus, so that said notification page data including address information corresponding to said second page data is received from said ~~first~~ page data providing apparatus.

Claim 4 (Currently Amended): The page data receiving method according to claim 2, wherein[[;]] when in accessing said ~~first~~ page data providing apparatus based on said address information about the notification page data, service identification information to identify said second page data is transmitted to the ~~above~~ ~~first~~ page data providing apparatus, so that said notification page data including additional information corresponding to said service identification information is received from said ~~first~~ page data providing apparatus.

Claim 5 (Currently Amended): The page data receiving method according to claim [[1]] 2, wherein[[;]] in said notification page data, ~~also~~ the status of service corresponding to said second page data is indicated.

Claim 6 (Currently Amended): The page data receiving method according to claim [[1]] 2, wherein[[;]] in said first page data, ~~also~~ link information to said second page data is included.

Claim 7 (Currently Amended): The page data receiving method according to claim 1, further comprising ~~wherein~~:

transmitting, from the terminal unit, a second request signal for requesting second web page data to a second page data providing apparatus;

~~the fifth step, when~~ if said second request signal ~~transmitted in said second step~~ is rejected by [[a]] the second page data providing apparatus that provides said second page data, [[of]] requesting [[a]] the ~~first~~ page data providing apparatus ~~that provides said first page data~~ to transmit authorization information ~~necessary for acceptance that is necessary~~ for making said second page data providing apparatus accept said second request signal~~, and~~

~~the sixth step, when~~ if said request is rejected by said ~~first~~ page data providing apparatus, [[of]] transmitting user identification information and a password, from said terminal unit, to the ~~above~~ first page data providing apparatus, wherein said page data providing apparatus makes a determination in accordance with the second request signal on whether notification page data is stored in the predetermined memory location; and

~~the seventh step of~~ receiving an authentication session ID transmitted from the ~~first~~ page data providing apparatus and address information about said notification page data, which are obtained ~~by that~~ after said ~~first~~ page data providing apparatus authenticates said user identification information and password, ~~are included~~; and

~~in said fourth step,~~

wherein said notification page data is received by accessing said first page data providing apparatus by adding said authentication session ID, based on said received address information about said notification page data,

a notification page indicating said notification information is displayed in the display section, based on said received notification page data,

a signal for requesting said information necessary for acceptance is transmitted again to said ~~first~~ page data providing apparatus,

said information necessary for acceptance transmitted by said ~~first~~ page data

providing apparatus according to said request is received, and

said second page data is received from said second page data providing apparatus ~~by~~

~~that~~ after said second request signal is transmitted again together with said information

necessary for acceptance.

Claim 8 (Currently Amended): The page data receiving method according to claim 7,

wherein[[;]] when in accessing said ~~first~~ page data providing apparatus based on the address

information about said notification page data, address information corresponding to said

second page data is transmitted to the ~~above~~ ~~first~~ page data providing apparatus, so that said

notification page data including the address information corresponding to said second page

data is received from said ~~first~~ page data providing apparatus.

Claim 9 (Currently Amended): The page data receiving method according to claim 7,

wherein[[;]] when in accessing said ~~first~~ page data providing apparatus based on the address

information about said notification page data, service identification information to identify

said second page data is transmitted to the ~~above~~ ~~first~~ page data providing apparatus, so that

said notification page data including additional information corresponding to said service

identification information is received from said ~~first~~ page data providing apparatus.

Claim 10 (Currently Amended): The page data receiving method according to claim

7, wherein[[;]] in said notification page data, ~~also~~ the status of service corresponding to said

second page data is indicated.

Claim 11 (Currently Amended): The page data receiving method according to claim

7, wherein[[;]] in said first page data, ~~also~~ link information to said second page data is

included.

Claim 12 (Currently Amended): A page data providing method ~~for~~ implemented on a

page data providing apparatus storing notification page data indicating predetermined

notification information and first page data, comprising:

~~the first step, if the apparatus receives~~ receiving, at the page data providing apparatus,

a first request signal that requests said first page data and is sent from a terminal unit~~; of~~

transmitting, from the page data providing apparatus, said notification page data to

said terminal unit before transmitting said first page data when determining that the

notification page data is stored on a predetermined memory location on the page data

providing apparatus, the notification page data providing predetermined notification

information related to the first page data; and

transmitting, from the page data providing apparatus, the first page data without

transmitting notification page data when the page data providing apparatus determines that

notification page data is not stored in the predetermined memory location on the page data

providing apparatus~~; and~~

~~the second step, if said terminal unit transmits a second request signal for requesting~~

~~second page data transmit to another page data providing apparatus that provides said second~~

~~page data, of transmitting said notification page data to said terminal unit before said second~~

~~page data is transmitted from said other page data providing apparatus according to said~~

~~second request signal~~.

Claim 13 (Currently Amended): The page data providing method according to claim 12, wherein[[;]]

~~in said second step,~~

~~after~~ wherein if the terminal unit transmits a second request signal to a second page data providing apparatus for requesting second page data and if said second request signal from said terminal unit ~~was~~ is rejected by ~~said other~~ the second page data providing apparatus, [[if]] receiving a request for authorization information ~~necessary for acceptance~~ ~~that is necessary~~ for making the ~~above other~~ second page data providing apparatus accept said second request signal ~~is requested~~ from said terminal unit, wherein said page data providing apparatus makes a determination in accordance with the second request signal on whether notification page data is stored in the predetermined memory location, and transmitting said authorization information ~~necessary for acceptance~~ and address information about said notification page data ~~is transmitted~~ to said terminal unit, and

if there is access from said terminal unit that received said authorization information ~~necessary for acceptance~~ and the address information about said notification page data based on the above address information, said notification page data is transmitted to said terminal unit, so that a notification page based on said notification page data is displayed in the display section of said terminal unit.

Claim 14 (Currently Amended): The page data providing method according to claim 13, wherein[[;]] if there is access from said terminal unit based on the address information about said notification page data, if address information corresponding to said second page data is received from said terminal unit, said notification page data including the address information corresponding to the ~~above~~ second page data is transmitted to said terminal unit.

Claim 15 (Currently Amended): The page data providing method according to claim 13, wherein[[;]] if there is access from said terminal unit based on the address information about said notification page data, if service identification information to identify said second page data is received from said terminal unit, said notification page data including additional information that corresponds to the ~~above~~ service identification information is transmitted to said terminal unit.

Claim 16 (Currently Amended): The page data providing method according to claim [[12]] 13, wherein[[;]] in said notification page data, also the status of service corresponding to said second page data is indicated.

Claim 17 (Currently Amended): The page data providing method according to claim [[12]] 13, wherein[[;]] in said first page data, also link information to said second page data is included.

Claim 18 (Currently Amended): The page data providing method according to claim 12, wherein[[;]]

~~in said second step,~~

~~after~~ wherein if the terminal unit transmits a second request signal to a second page data providing apparatus for requesting second page data and if said second request signal from said terminal unit ~~was~~ is rejected by ~~said other~~ the second page data providing apparatus, receiving with an authentication session ID a signal that requests authorization information ~~necessary for acceptance necessary~~ for making the ~~above other~~ second page data providing apparatus accept said second request signal ~~is received together with an~~

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~~authentication session ID~~, wherein said page data providing apparatus makes a determination

in accordance with the second request signal on whether notification page data is stored in the

predetermined memory location, and when the validity period of said authentication session

ID has been expired, transmitting an authentication response indicating an authentication

error ~~is transmitted~~ to said terminal unit;[[,]]

receiving user identification information and a password ~~are received~~ from said

terminal unit;[[,]]

performing authentication processing ~~is performed~~ based on said user identification

information and password, issuing an authentication session ID ~~is issued~~, and if there is said

notification page data in the predetermined memory location, transmitting the authentication

session ID ~~is transmitted~~ to said terminal unit together with address information about the

above notification page;[[,]] and

performing authentication processing ~~is performed~~ by said authentication session ID

in response to access to the address of said notification page data to which said authentication

session ID has been added, and if the authentication is allowed, the above notification page

data is transmitted to said terminal unit.

Claim 19 (Currently Amended): The page data providing method according to claim

18, wherein[[;]] when ~~there~~ the page data providing apparatus has been accessed from said

terminal unit based on the address information about said notification page data, if address

information corresponding to said second page data is received from said terminal unit, said

notification page data including the address information corresponding to the above second

page data is transmitted to said terminal unit.

Claim 20 (Currently Amended): The page data providing method according to claim 18, wherein[[;]] when ~~there~~ the page data providing apparatus has been accessed from said terminal unit based on the address information about said notification page data, if service identification information to identify said second page data is received from said terminal unit, said notification page data including additional information that corresponds to the above service identification information is transmitted to said terminal unit.

Claim 21 (Currently Amended): The page data providing method according to claim 18, wherein[[;]] in said notification page data, ~~also~~ the status of service corresponding to said second page data is indicated.

Claim 22 (Currently Amended): The page data providing method according to claim 18, wherein[[;]] in said first page data, ~~also~~ link information to said second page data is included.

Claim 23 (Currently Amended): A terminal unit comprising:

transmitting means for transmitting a first request signal to a page data providing apparatus for requesting first page data ~~and a second request signal for requesting second page data~~; and

receiving means, for receiving, notification page data from the page data providing apparatus prior to receiving the first page data when the page data providing apparatus determines that the notification page data is stored on a predetermined memory location on the page data providing apparatus, the notification page data providing predetermined notification information related to the first page data, and receiving the first page data from the page data providing apparatus without receiving notification page data when the page

data providing apparatus determines that notification page data is not stored in the

predetermined memory location on the page data providing apparatus

~~after receiving notification page data in which predetermined notification information~~

~~is indicated, for receiving said first page data according to said first request signal, and after~~

~~receiving said notification page data, for receiving said second page data according to said~~

~~second request signal~~.

Claim 24 (Currently Amended): The terminal unit according to claim 23, wherein:

said transmitting means transmits a second request signal to a second page data

providing apparatus for requesting second page data,

wherein if said second request signal transmitted by said transmitting means is

rejected by [[a]] the second page data providing apparatus that provides said second page

data, said transmitting means transmits a request signal for requesting a ~~first~~ the page data

providing apparatus ~~that provides said first page data~~ to transmit authorization information

~~necessary for acceptance that is necessary~~ for making said second page data providing

apparatus accept said second request signal, wherein said page data providing apparatus

makes a determination in accordance with the second request signal on whether notification

page data is stored in the predetermined memory location;

said receiving means,

receives said authorization information ~~necessary for acceptance~~ transmitted

from said ~~first~~ page data providing apparatus according to said request, and address

information about said notification page data,

receives said notification page data by accessing said ~~first~~ page data providing

apparatus, based on said received address information about said notification page data, and

transmits said notification page in which notification information is indicated

to a display section, based on said received notification page data; and

said transmitting means,

transmits again said second request signal together with said <u>authorization</u>

information ~~necessary for acceptance~~, according to an operation to said notification page

displayed in said display section; and

said receiving means,

receives said second page data from said second page data providing apparatus

in response to said retransmission.

Claim 25 (Currently Amended): The terminal unit according to claim 24, wherein[[;]]

said receiving means, when in accessing said ~~first~~ page data providing apparatus

based on the address information about said notification page data, transmits address

information that corresponds to said second page data to the ~~above first~~ page data providing

apparatus, so as to receive said notification page data including the address information

corresponding to said second page data from said ~~first~~ page data providing apparatus.

Claim 26 (Currently Amended): The terminal unit according to claim 24, wherein[[;]]

said receiving means, when in accessing said ~~first~~ page data providing apparatus

based on the address information about said notification page data, transmits service

identification information to identify said second page data to the ~~above first~~ page data

providing apparatus, so as to receive said notification page data including additional

information that corresponds to said service identification information from said ~~first~~ page

data providing apparatus.

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Claim 27 (Currently Amended): The terminal unit according to claim 23, wherein:

said transmitting means transmits a second request signal to a second page data providing apparatus for requesting second page data,

wherein if said second request signal transmitted by said transmitting means is rejected by [[a]] the second page data providing apparatus that provides said second page data, said transmitting means transmits a request signal for requesting a first the page data providing apparatus that provides said first page data to transmit authorization information necessary for acceptance that is necessary for making said second page data providing apparatus accept said second request signal, wherein said page data providing apparatus makes a determination in accordance with the second request signal on whether notification page data is stored in the predetermined memory location, and

further, if said request is rejected by said first page data providing apparatus, said transmitting means transmits user identification information and a password to the above first page data providing apparatus;

said receiving means,

receives an authentication session ID transmitted from the above first page data providing apparatus as a result of that said first page data providing apparatus authenticates said user identification information and password, and the address information about said notification page data,

receives said notification page data by accessing said first page data providing apparatus by adding said authentication session ID based on said received address information about said notification page data, and

transmits a notification page in which said notification information is indicated to a display section, based on said received notification page data;

said transmitting means,

transmits again said signal for requesting information necessary for acceptance

to said ~~first~~ page data providing apparatus;

said receiving means,

receives said <u>authorization</u> information ~~necessary for acceptance~~ transmitted

by said ~~first~~ page data providing apparatus, according to said request;

said transmitting means,

transmits again said second request signal together with said ~~authorization~~

information ~~necessary for acceptance~~; and

said receiving means,

receives said second page data from said second page data providing

apparatus, according to said retransmission.

Claim 28 (Currently Amended): The terminal unit according to claim 27, wherein[[;]]

said receiving means, when in accessing said ~~first~~ page data providing apparatus

based on the address information about said notification page data, transmits address

information that corresponds to said second page data to the ~~above~~ ~~first~~ page data providing

apparatus, so as to receive said notification page data including the address information

corresponding to said second page data from said ~~first~~ page data providing apparatus.

Claim 29 (Currently Amended): The terminal unit according to claim 27, wherein[[;]]

when in accessing said ~~first~~ page data providing apparatus based on the address

information about said notification page data, service identification information to identify

said second page data is transmitted to the ~~above~~ ~~first~~ page data providing apparatus, so that

said notification page data including additional information that corresponds to said service

identification information is received from said ~~first~~ page data providing apparatus.

Claim 30 (Currently Amended): A page data providing apparatus storing notification page data indicating predetermined notification information and first page data, comprising:

receiving means for receiving a first request signal for requesting said first page data from a terminal unit; and

transmitting means, for transmitting said notification page data to said terminal unit, when determining that the notification page data is stored on a predetermined memory location on the page data providing apparatus, the notification page data providing predetermined notification information related to the first page data and for transmitting the first page data without transmitting notification page data when the page data providing apparatus determines that notification page data is not stored in the predetermined memory location on the page data providing apparatus before transmitting said first page data according to said first request signal received by said receiving means, and

if said terminal unit transmits a second request signal for requesting second page data to another page data providing apparatus that provides said second page data, for transmitting said notification page data to said terminal unit, before said second page data is transmitted from said other page data providing apparatus according to said second request signal.

Claim 31 (Currently Amended): The page data providing apparatus according to claim 30, wherein:

said transmitting means,

wherein if the terminal unit transmits a second request signal to a second page data providing apparatus for requesting second page data and after said second request signal from said terminal unit [[was]] is rejected by said other a second page data providing apparatus, [[if]] and said terminal unit requests authorization information necessary for acceptance that

is necessary for making the above other second page data providing apparatus accept said second request signal is requested from said terminal unit, wherein said page data providing apparatus makes a determination in accordance with the second request signal on whether notification page data is stored in the predetermined memory location, said transmitting means transmits said authorization information necessary for acceptance and address information about said notification page data to said terminal unit; and

if said receiving means is accessed from said terminal unit that received said information necessary for acceptance and the address information about said notification page data based on the above address information, said transmitting means transmits said notification page data to said terminal unit, so that a notification page based on said notification page data is displayed in the display section of said terminal unit.

Claim 32 (Currently Amended): The page data providing apparatus according to claim 31, wherein[[;]]

when said receiving means has been accessed from said terminal unit based on the address information about said notification page data, if said receiving means receives address information corresponding to said second page data from said terminal unit, said transmitting means, transmits said notification page data including the address information corresponding to the above second page data to said terminal unit.

Claim 33 (Currently Amended): The page data providing apparatus according to claim 31, wherein[[;]]

when said receiving means has been accessed from said terminal unit based on the address information about said notification page data, if said receiving means receives service identification information for identifying said second page data from said terminal unit, said

transmitting means, transmits said notification page data including additional information that

corresponds to the ~~above~~ service identification information to said terminal unit.

Claim 34 (Currently Amended): The page data providing apparatus according to

claim [[30]] 31, wherein;

in said notification page data, ~~also~~ the status of service corresponding to said second

page data is indicated.

Claim 35 (Currently Amended): The page data providing apparatus according to

claim [[30]] 31, wherein[[;]] in said first page data, ~~also~~ link information to said second page

data is included.

Claim 36 (Currently Amended): The page data providing apparatus according to

claim 30, wherein:

~~said receiving means,~~

wherein if the terminal unit transmits a second request signal to a second page data

providing apparatus for requesting second page data and ~~after~~ said second request signal from

said terminal unit was rejected by ~~said other~~ a second page data providing apparatus, said

receiving means receives a signal for requesting authorization information ~~necessary for~~

~~acceptance that is necessary~~ for making the ~~above other~~ second page data providing apparatus

accept said second request signal together with an authentication session ID, wherein said

page data providing apparatus makes a determination in accordance with the second request

signal on whether notification page data is stored in the predetermined memory location;

said transmitting means,

when the validity period of said authentication session ID has expired,

transmits an authentication response indicating the authentication error to said terminal unit;

said receiving means,

receives user identification information and a password from said terminal

unit; and

said transmitting means,

performs authentication processing based on said user identification

information and password, issues an authentication session ID, and if there is said notification

page data in the predetermined memory location, transmits said notification page data to said

terminal unit together with address information about the above notification page data,

performs authentication processing by said authentication session ID according to access to

the address of said notification page data to which said authentication session ID has been

added, and if the authentication is allowed, transmits the above notification page data to said

terminal unit.

Claim 37 (Currently Amended): The page data providing apparatus according to

claim 36, wherein[[;]] when said receiving means has been accessed from said terminal unit

based on the address information about said notification page data, if said receiving means

receives address information corresponding to said second page data from said terminal unit,

said transmitting means[[,]] transmits said notification page data including the address

information corresponding to the above second page data to said terminal unit.

Claim 38 (Currently Amended): The page data providing apparatus according to

claim 36, wherein[[;]] when said receiving means has been accessed from said terminal unit

based on the address information about said notification page data, if said receiving means

receives service identification information for identifying said second page data from said

terminal unit, said transmitting means transmits said notification page data including

additional information that corresponds to the ~~above~~ service identification information to said

terminal unit.

Claim 39 (Currently Amended): The page data providing apparatus according to

claim 36, wherein[[;]] in said notification page data, also the status of service corresponding

to said second page data is indicated.

Claim 40 (Currently Amended): The page data providing apparatus according to

claim 36, wherein[[;]] in said first page data, also link information to said second page data is

included.

Claim 41 (Currently Amended): ~~A page data receiving program for making a~~

~~terminal unit execute~~ A computer readable storage medium encoded with computer

executable instructions, which when executed by a terminal unit, cause the terminal unit to

perform a method comprising:

the first step of transmitting, from the client terminal device, a first request signal to a

page data providing apparatus for requesting first page data;

receiving, at the client terminal device, notification page data from the page data

providing apparatus prior to receiving the first page data when the page data providing

apparatus determines that the notification page data is stored on a predetermined memory

location on the page data providing apparatus, the notification page data providing

predetermined notification information related to the first page data; and

receiving, at the client terminal device, the first page data from the page data

providing apparatus without receiving notification page data when the page data providing

apparatus determines that notification page data is not stored in the predetermined memory

location on the page data providing apparatus

~~the second step of transmitting a second request signal for requesting second page~~

~~data;~~

~~the third step, after receiving notification page data in which predetermined~~

~~notification information is indicated according to said first request signal, of receiving said~~

~~first page data; and~~

~~the fourth step, after receiving said notification page data according to said second~~

~~request signal, of receiving said second page data.~~